

# Active Recombinant Full Length Human MS4A1 Protein, N-GST tagged

Cat. No. MAP2K3-15HFL    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Active recombinant full-length human MEK3 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
<b>Species</b>	Human
<b>Source</b>	Insect cells
<b>ProteinLength</b>	Full Length
<b>Tag</b>	N-GST
<b>Molecular Mass</b>	62 kDa
<b>Purity</b>	>90%
<b>Applications</b>	Kinase Assay, Western Blot
<b>Stability</b>	1yr at -70 centigrade from date of shipment
<b>Storage</b>	Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
<b>Concentration</b>	0.1 µg/µL

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<b>Storage Buffer</b>	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
<b>Shipping</b>	Dry ice
<b>References</b>	<ol style="list-style-type: none"> <li>1. Lu, H.-T. et al: Defective IL-12 production in mitogen-activated protein (MAP) kinase kinase 3 (MEK3)-deficient mice. EMBO J. 18: 1845-1857, 1999.</li> <li>2. Orth, K. et al: Inhibition of the mitogen-activated protein kinase kinase superfamily by a Yersinia effector. Science 285: 1920-1923, 1999.</li> </ol>

## GENE INFORMATION

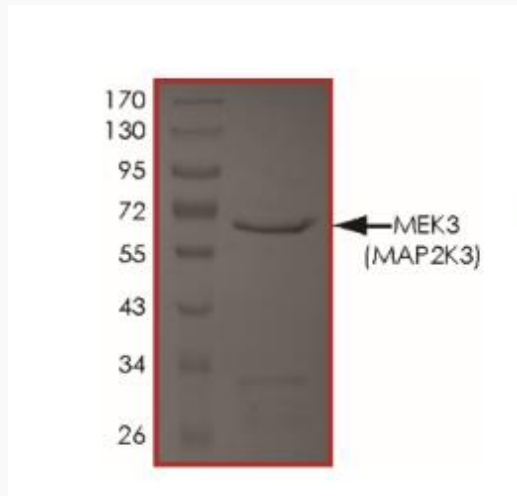
<b>Gene Name</b>	MAP2K3 mitogen-activated protein kinase kinase 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	MAP2K3
<b>Synonyms</b>	MAP2K3; mitogen-activated protein kinase kinase 3; PRKMK3; dual specificity mitogen-activated protein kinase kinase 3; dual specificity mitogen activated protein kinase kinase 3; MAP kinase kinase 3; MAPK/ERK kinase 3; MAPKK3; MEK3; MKK3; MEK 3; MAPKK 3; SAPK kinase 2; stress-activated protein kinase kinase 2; SAPKK2; SAPKK-2
<b>Gene ID</b>	5606
<b>mRNA Refseq</b>	NM_002756
<b>Protein Refseq</b>	NP_002747
<b>MIM</b>	602315
<b>UniProt ID</b>	P46734

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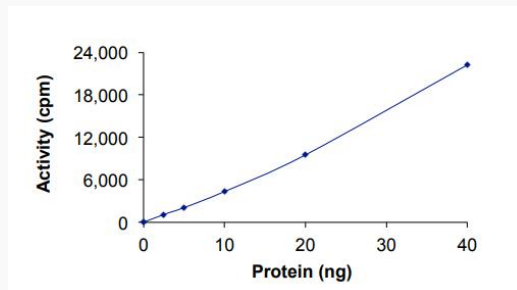
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**Purity**



The purity of MEK3 protein was determined to be >90% by densitometry, approx.  
MW 62kDa.

**Specific Activity**



The specific activity of MEK3 was determined to be 24 nmol/min/mg

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